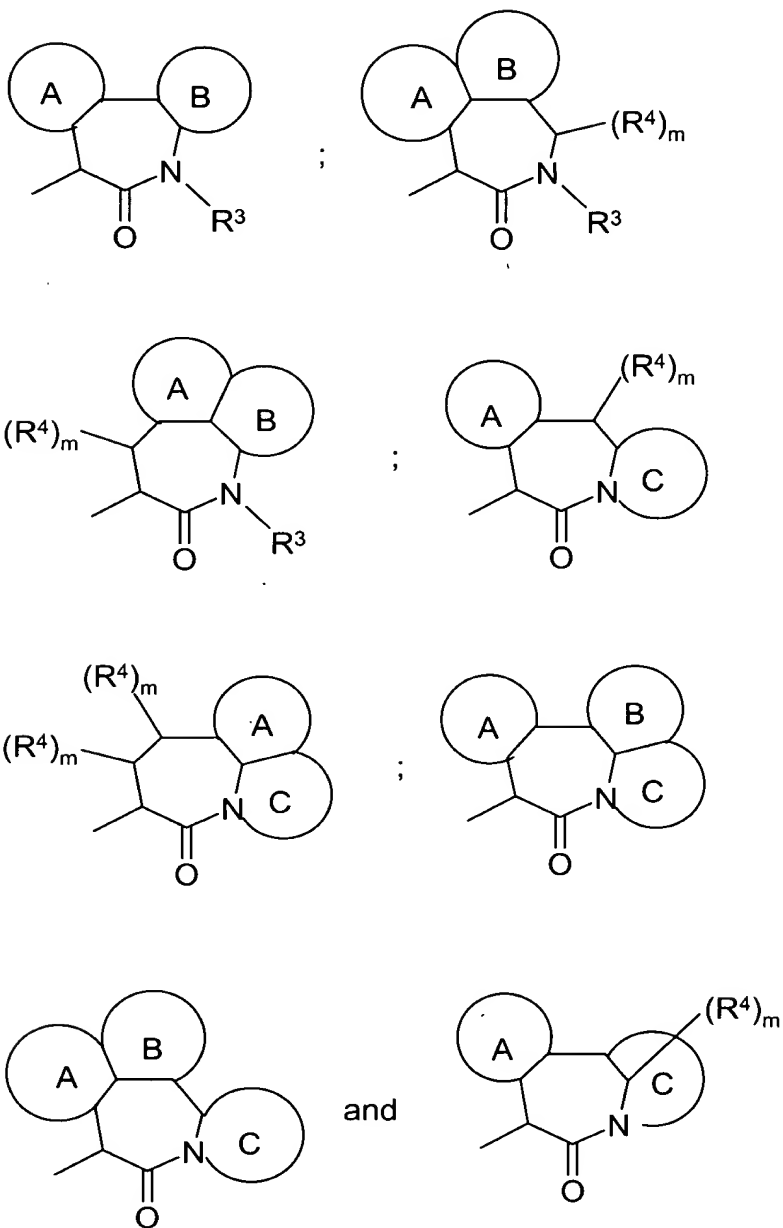


wherein

W is a substituted ϵ -caprolactam selected from the group consisting of:



wherein

ring A, together with the atoms of the ϵ -caprolactam to which it is attached, forms a carbocyclic or heterocyclic ring selected from the group consisting of:

A) aryl having from 6 to 14 ring carbon atoms substituted with from 1 to 5 substituents selected from the group consisting of:

- 1) acyloxy selected from alkyl-C(O)O-, substituted alkyl -C(O)O-, cycloalkyl-C(O)O-, substituted cycloalkyl-C(O)O-, aryl-C(O)O-, heteroaryl-C(O)O-, and heterocyclic-C(O)O- wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein cycloalkyl is defined in B herein; wherein substituted cycloalkyl is defined in C herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;
- 2) hydroxy;
- 3) acyl selected from alkyl-C(O)-, substituted alkyl-C(O)-, cycloalkyl-C(O)-, substituted cycloalkyl-C(O)-, aryl-C(O)-, heteroaryl-C(O)- and heterocyclic-C(O)- wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein cycloalkyl is defined in B herein; wherein substituted cycloalkyl is defined in C herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;
- 4) alkyl as defined in R herein;
- 5) alkoxy having the formula alkyl-O- wherein alkyl is defined in R herein;
- 6) alkenyl as defined in T herein;
- 7) alkynyl as defined in V herein;
- 8) substituted alkyl as defined in S herein;
- 9) substituted alkoxy of the formula substituted alkyl-O- where substituted alkyl is as defined in S herein;
- 10) substituted alkenyl as defined in U herein;

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- C1
- 11) substituted alkynyl as defined in W herein;
 - 12) amino having the formula -NH_2 ;
 - 13) substituted amino having the formula -N(R)_2 where each R is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, aryl, cycloalkyl, substituted cycloalkyl, heteroaryl, heterocyclic and where both R groups are joined to form a heterocyclic group; wherein alkyl is defined in R herein; substituted alkyl is defined in S herein; wherein alkenyl is defined in T herein; wherein substituted alkenyl is defined in U herein; wherein alkynyl is defined in V herein; wherein substituted alkynyl is defined in W herein; wherein aryl is defined in A herein; wherein cycloalkyl is defined in B herein; wherein substituted cycloalkyl is defined in C herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;
 - 14) aminoacyl having the formula -NRC(O)R wherein each R is independently hydrogen, alkyl, substituted alkyl, aryl, heteroaryl or heterocyclic; wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;
 - 15) acylamino having the formula -C(O)NRR where each R is independently hydrogen, alkyl, substituted alkyl, aryl, heteroaryl, or heterocyclic or where both R groups are joined to form a heterocyclic group; wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;

- Cl
- 16) alkaryl of the formula -alkylene-aryl having 1 to 8 carbon atoms in the alkylene moiety wherein aryl is defined in A herein and alkylene is a divalent alkyl where alkyl is defined in R herein;
 - 17) aryl as defined in A herein;
 - 18) aryloxy having the formula -aryl-O wherein aryl is defined in A herein;
 - 19) azido;
 - 20) carboxyl;
 - 21) carboxylalkyl having the formula -C(O)Oalkyl and -C(O)O-substituted alkyl wherein alkyl as defined in R herein and substituted alkyl is defined in S herein;
 - 22) cyano;
 - 23) halo selected from fluoro, chloro, bromo and iodo;
 - 24) nitro;
 - 25) heteroaryl as defined in F herein;
 - 26) heterocyclic as defined in G herein;
 - 27) aminoacyloxy having the formula -NRC(O)OR wherein each R is independently hydrogen, alkyl, substituted alkyl, aryl, heteroaryl or heterocyclic; wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;
 - 28) oxyacylamino having the formula -OC(O)NRR where each R is independently hydrogen, alkyl, substituted alkyl, aryl, heteroaryl, or heterocyclic wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;

- 29) thioalkoxy having the formula -S-alkyl, wherein alkyl as defined in R herein;
- 30) substituted thioalkoxy having the formula -S-substituted alkyl, wherein substituted alkyl is defined in S herein;
- 31) thioaryloxy having the formula aryl-S- wherein aryl is defined in A herein;
- 32) thioheteroaryloxy having the formula heteroaryl-S- wherein heteroaryl is defined F herein;
- 33) -SO-alkyl wherein alkyl is defined in R herein;
- 34) -SO-substituted alkyl wherein substituted alkyl is defined in S herein;
- 35) -SO-aryl wherein aryl is defined in A herein;
- 36) -SO-heteroaryl wherein heteroaryl is defined in F herein;
- 37) -SO₂-alkyl wherein alkyl is defined in R herein;
- 38) -SO₂-substituted alkyl wherein substituted alkyl is defined in S herein;
- 39) -SO₂-aryl wherein aryl is defined in A herein;
- 40) -SO₂-heteroaryl wherein heteroaryl is defined in F herein; and
- 41) trihalomethyl wherein halo is defined in A23 herein;
- B) cycloalkyl of from 3 to 12 carbon atoms;
- C) substituted cycloalkyl having 3 to 12 carbon atoms and from 1 to 5 substituents selected from the group consisting of:
- 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkenyl as defined in D herein;
 - 6) substituted cycloalkenyl as defined in E herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;

- C1
- 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) oxyacylamino as defined in A28 herein;
 - 15) cyano;
 - 16) halogen wherein halo is defined in A23 herein;
 - 17) hydroxyl;
 - 18) carboxyl;
 - 19) carboxylalkyl as defined in A21 herein;
 - 20) keto having the formula $=O$;
 - 21) thioketo having the formula $=S$;
 - 22) thiol having the formula $-SH$;
 - 23) thioalkoxy as defined in A29 herein;
 - 24) substituted thioalkoxy as defined in A30 herein;
 - 25) aryl as defined in A herein;
 - 26) aryloxy as defined in A18 herein;
 - 27) heteroaryl as defined in F herein;
 - 28) heteroaryloxy having the formula $-O$ -heteroaryl wherein heteroaryl is defined in F herein;
 - 29) heterocyclic as defined in G herein;
 - 30) heterocycloxy having the formula $-O$ -heterocyclic wherein heterocyclic is defined in G herein;
 - 31) hydroxyamino;
 - 32) alkoxyamino wherein alkoxy is defined in A5 herein;
 - 33) nitro;
 - 34) $-SO$ -alkyl as defined in A33 herein;
 - 35) $-SO$ -substituted alkyl as defined in A34 herein;
 - 36) $-SO$ -aryl as defined in A35 herein;

- 37) -SO-heteroaryl as defined in A36 herein;
38) -SO₂-alkyl as defined in A37 herein;
39) -SO₂-substituted alkyl as defined in A38 herein;
40) -SO₂-aryl as defined in A39 herein; and
41) -SO₂-heteroaryl as defined in A40 herein;
- D) cycloalkenyl of from 4 to 8 carbon atoms;
E) substituted cycloalkenyl having from 4 to 8 carbon atoms and from 1 to 5 substituents selected from the group consisting of:
- 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkenyl as defined in D herein;
 - 6) substituted cycloalkenyl as defined in E herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;
 - 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) oxyacylamino as defined in A28 herein;
 - 15) cyano;
 - 16) halogen wherein halo is defined in A23 herein;
 - 17) hydroxyl;
 - 18) carboxyl;
 - 19) carboxylalkyl as defined in A21 herein;
 - 20) keto as defined in C20 herein;
 - 21) thioketo as defined in C21 herein;

C1

- C1
- 22) thiol as defined in C22 herein;
 - 23) thioalkoxy as defined in A29 herein;
 - 24) substituted thioalkoxy as defined in A30 herein;
 - 25) aryl as defined in A herein;
 - 26) aryloxy as defined in A18 herein;
 - 27) heteroaryl as defined in F herein;
 - 28) heteroaryloxy as defined in C28 herein;
 - 29) heterocyclic as defined in G herein;
 - 30) heterocycloxy as defined in C30 herein;
 - 31) hydroxyamino;
 - 32) alkoxyamino as defined in C32 herein;
 - 33) nitro;
 - 34) -SO-alkyl as defined in A33 herein;
 - 35) -SO-substituted alkyl as defined in A34 herein;
 - 36) -SO-aryl as defined in A35 herein;
 - 37) -SO-heteroaryl as defined in A36 herein;
 - 38) -SO₂-alkyl as defined in A37 herein;
 - 39) -SO₂-substituted alkyl as defined in A38 herein;
 - 40) -SO₂-aryl as defined in A39 herein; and
 - 41) -SO₂-heteroaryl as defined in A40 herein;

F) heteroaryl of from 1 to 15 ring carbon atoms and 1 to 4 ring heteroatoms selected from oxygen, nitrogen and sulfur, substituted with from 1 to 5 substituents selected from:

- 1) acyloxy as defined in A1 herein;
- 2) hydroxy;
- 3) acyl as defined in A3 herein;
- 4) alkyl as defined in R herein;
- 5) alkoxy as defined in A5 herein;
- 6) alkenyl as defined in T herein;

- 7) alkynyl as defined in V herein;
8) substituted alkyl as defined in S herein;
9) substituted alkoxy as defined in A9 herein;
10) substituted alkenyl as defined in U herein;
11) substituted alkynyl as defined in W herein;
12) amino as defined in A12 herein;
13) substituted amino as defined in A13 herein;
14) aminoacyl as defined in A14 herein;
15) acylamino as defined in A15 herein;
16) alkaryl as defined in A16 herein;
17) aryl as defined in A herein;
18) aryloxy as defined in A18 herein;
19) azido;
20) carboxyl;
21) carboxylalkyl as defined in A21 herein;
22) cyano;
23) halo as defined in A23 herein;
24) nitro;
25) heteroaryl as defined in F herein;
26) heterocyclic as defined in G herein;
27) aminoacyloxy as defined in A27 herein;
28) oxyacylamino as defined in A28 herein;
29) thioalkoxy as defined in A29 herein;
30) substituted thioalkoxy as defined in A30 herein;
31) thioaryloxy as defined in A31 herein;
32) thioheteroaryloxy as defined in A32 herein;
33) -SO-alkyl as defined in A33 herein;
34) -SO-substituted alkyl as defined in A34 herein;
35) -SO-aryl as defined in A35 herein;

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- 36) -SO-heteroaryl as defined in A36 herein;
37) -SO₂-alkyl as defined in A37 herein;
38) -SO₂-substituted alkyl as defined in A38 herein;
39) -SO₂-aryl as defined in A39 herein;
40) -SO₂-heteroaryl as defined in A40 herein; and
41) trihalomethyl as defined in A41 herein;
- G) heterocyclic of from 1 to 15 ring carbon atoms and from 1 to 4 ring atoms selected from nitrogen, sulfur and oxygen, substituted with from 1 to 5 substituents selected from:
- 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkenyl as defined in D herein;
 - 6) substituted cycloalkenyl as defined in E herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;
 - 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) oxyacylamino as defined in A28 herein;
 - 15) cyano;
 - 16) halogen wherein halo is defined in A23 herein;
 - 17) hydroxyl;
 - 18) carboxyl;
 - 19) carboxylalkyl as defined in A21 herein;
 - 20) keto as defined in C20 herein;

- C1
- 21) thioketo as defined in C21 herein;
 - 22) thiol as defined in C22 herein;
 - 23) thioalkoxy as defined in A29 herein;
 - 24) substituted thioalkoxy as defined in A30 herein;
 - 25) aryl as defined in A herein;
 - 26) aryloxy as defined in A18 herein;
 - 27) heteroaryl as defined in F herein;
 - 28) heteroaryloxy as defined in C28 herein;
 - 29) heterocyclic as defined in G herein;
 - 30) heterocyclooxy as defined in C30 herein;
 - 31) hydroxyamino;
 - 32) alkoxyamino as defined in C32 herein;
 - 33) nitro;
 - 34) -SO-alkyl as defined in A33 herein;
 - 35) -SO-substituted alkyl as defined in A34 herein;
 - 36) -SO-aryl as defined in A35 herein;
 - 37) -SO-heteroaryl as defined in A36 herein;
 - 38) -SO₂-alkyl as defined in A37 herein;
 - 39) -SO₂-substituted alkyl as defined in A38 herein;
 - 40) -SO₂-aryl as defined in A39 herein; and
 - 41) -SO₂-heteroaryl as defined in A40 herein;

ring *B*, together with the atoms of the ϵ -caprolactam to which it is attached, forms a carbocyclic or heterocyclic ring selected from the group consisting of:

- H) aryl as defined in A herein;
- I) cycloalkyl as defined in B herein;
- J) substituted cycloalkyl as defined in C herein;
- K) cycloalkenyl as defined in D herein;
- L) substituted cycloalkenyl as defined in E herein;
- M) heteroaryl as defined in F herein; and

N) heterocyclic as defined in G herein;
ring C, together with the atoms of the ϵ -caprolactam to which it is attached, forms a heteroaryl as defined in F herein or heterocyclic ring as defined in G herein;

R¹ is selected from the group consisting of:

- O) hydrogen; and
- P) an amino-blocking group being any group, bound to an amino group, which prevents undesired reactions from occurring at the amino group and which may be removed by conventional chemical and/or enzymatic procedures to reestablish the amino group;

R² is selected from the group consisting of:

- Q) hydrogen;
- R) alkyl of from 1 to 20 carbon atoms;
- S) substituted alkyl of from 1 to 20 carbon atoms, having from 1 to 5 substituents selected from:
 - 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkenyl as defined in D herein;
 - 6) substituted cycloalkenyl as defined in E herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;
 - 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) oxyacylamino as defined in A28 herein;
 - 15) cyano;

- C¹
- 16) halogen wherein halo is defined in A23 herein;
 - 17) hydroxyl;
 - 18) carboxyl;
 - 19) carboxylalkyl as defined in A21 herein;
 - 20) keto as defined in C20 herein;
 - 21) thioketo as defined in C21 herein;
 - 22) thiol as defined in C22 herein;
 - 23) thioalkoxy as defined in A29 herein;
 - 24) substituted thioalkoxy as defined in A30 herein;
 - 25) aryl as defined in A herein;
 - 26) aryloxy as defined in A18 herein;
 - 27) heteroaryl as defined in F herein;
 - 28) heteroaryloxy as defined in C28 herein;
 - 29) heterocyclic as defined in G herein;
 - 30) heterocycloxy as defined in C30 herein;
 - 31) hydroxyamino;
 - 32) alkoxyamino as defined in C32 herein;
 - 33) nitro;
 - 34) -SO-alkyl as defined in A33 herein;
 - 35) -SO-substituted alkyl as defined in A34 herein;
 - 36) -SO-aryl as defined in A35 herein;
 - 37) -SO-heteroaryl as defined in A36 herein;
 - 38) -SO₂-alkyl as defined in A37 herein;
 - 39) -SO₂-substituted alkyl as defined in A38 herein;
 - 40) -SO₂-aryl as defined in A39 herein; and
 - 41) -SO₂-heteroaryl as defined in A40 herein;
- T) alkenyl of from 2 to 10 carbon atoms and 1-2 sites of alkenyl unsaturation;
- U) substituted alkenyl having from 1 to 3 substituents selected from the group consisting of:

- C¹
- 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkoxy wherein alkoxy is defined in A5 herein ;
 - 6) substituted cycloalkoxyl wherein substituted alkoxy is defined in A9 herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;
 - 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) cyano;
 - 15) halogen wherein halo is defined in A23 herein;
 - 16) hydroxyl;
 - 17) carboxyl;
 - 18) carboxylalkyl as defined in A21 herein;
 - 19) keto as defined in C20 herein;
 - 20) thioketo as defined in C21 herein;
 - 21) thiol as defined in C22 herein;
 - 22) thioalkoxy as defined in A29 herein;
 - 23) substituted thioalkoxy as defined in A30 herein;
 - 24) aryl as defined in A herein;
 - 25) heteroaryl as defined in F herein;
 - 26) heterocyclic as defined in G herein;
 - 27) heterocyclooxy as defined in C30 herein;
 - 28) nitro;

- 29) -SO-alkyl as defined in A33 herein;
- 30) -SO-substituted alkyl as defined in A34 herein;
- 31) -SO-aryl as defined in A35 herein;
- 32) -SO-heteroaryl as defined in A36 herein;
- 33) -SO₂-alkyl as defined in A37 herein;
- 34) -SO₂-substituted alkyl as defined in A38 herein;
- 35) -SO₂-aryl as defined in A39 herein; and
- 36) -SO₂-heteroaryl as defined in A40 herein;
- V) alkynyl of from 2 to 10 carbon atoms and from 1-2 sites of alkynyl unsaturation;
- W) substituted alkynyl of from 1 to 3 substituents selected from:
 - 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkoxy as defined in U5 herein;
 - 6) substituted cycloalkoxyl as defined in U6 herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;
 - 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) cyano;
 - 15) halogen wherein halo is defined in A23 herein;
 - 16) hydroxyl;
 - 17) carboxyl;
 - 18) carboxylalkyl as defined in A21 herein;

C1

- C1
- 19) keto as defined in C20 herein;
 - 20) thioketo as defined as C21 herein;
 - 21) thiol as defined as C22 herein;
 - 22) thioalkoxy as defined in A29 herein;
 - 23) substituted thioalkoxy as defined in A30 herein;
 - 24) aryl as defined in A herein;
 - 25) heteroaryl as defined in F herein;
 - 26) heterocyclic as defined in G herein;
 - 27) heterocyclooxy as defined in C30 herein;
 - 28) nitro;
 - 29) -SO-alkyl as defined in A33 herein;
 - 30) -SO-substituted alkyl as defined in A34 herein;
 - 31) -SO-aryl as defined in A35 herein;
 - 32) -SO-heteroaryl as defined in A36 herein;
 - 33) -SO₂-alkyl as defined in A37 herein;
 - 34) -SO₂-substituted alkyl as defined in A38 herein;
 - 35) -SO₂-aryl as defined in A39 herein; and
 - 36) -SO₂-heteroaryl as defined in A40 herein;
 - X) aryl as defined in A herein;
 - Y) cycloalkyl as defined in B herein;
 - Z) heteroaryl as defined in F herein; and
 - AA) heterocyclic as defined in G herein;
- R³ is selected from the group consisting of:
- BB) hydrogen;
 - CC) alkyl as defined in R herein;
 - DD) substituted alkyl as defined in S herein;
 - EE) alkenyl as defined in T herein;
 - FF) substituted alkenyl as defined in U herein;
 - GG) alkynyl as defined in as defined in V herein;

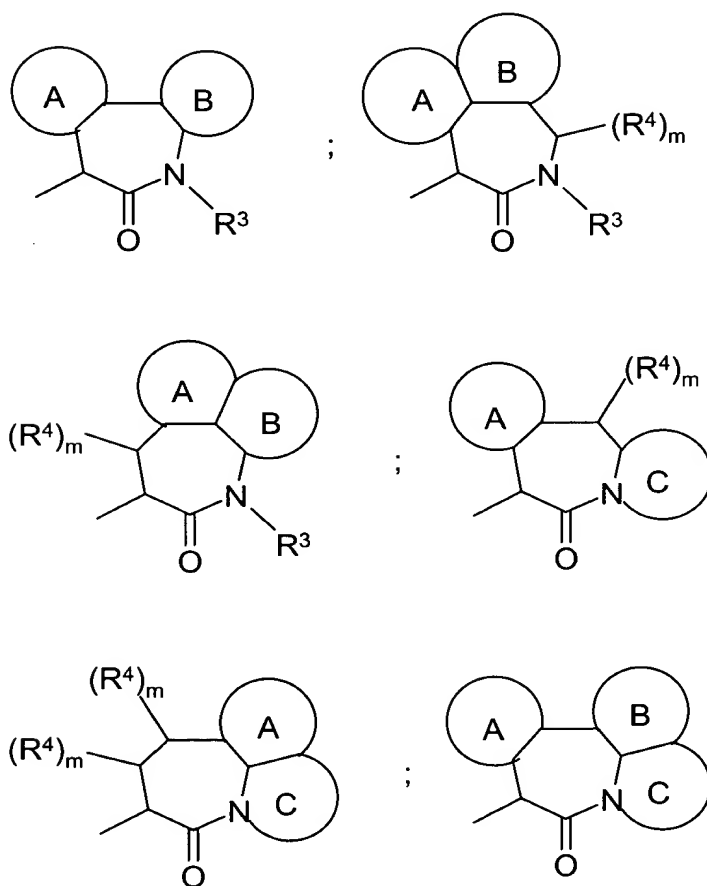
- HH) substituted alkynyl as defined in W herein;
II) acyl as defined in A3 herein;
JJ) aryl as defined in A herein;
KK) cycloalkyl as defined in B herein;
LL) substituted cycloalkyl as defined in C herein;
MM) cycloalkenyl as defined in D herein;
NN) substituted cycloalkenyl as defined in E herein;
OO) heteroaryl as defined in F herein; and
PP) heterocyclic as defined in G herein;
each R⁴ is independently selected from the group consisting of:
C¹ QQ) alkyl as defined in R herein;
RR) substituted alkyl as defined in S herein;
SS) alkenyl as defined in T herein;
TT) substituted alkenyl as defined in U herein;
UU) alkynyl as defined in V herein;
VV) substituted alkynyl as defined in W herein;
WW) aryl as defined in A herein;
XX) cycloalkyl as defined in B herein;
YY) substituted cycloalkyl as defined in C herein;
ZZ) cycloalkenyl as defined in D herein;
AAA) substituted cycloalkenyl as defined in E herein;
BBB) heteroaryl as defined in F herein; and
CCC) heterocyclic as defined in G herein;
m is an integer from 0 to 2; or salts thereof.

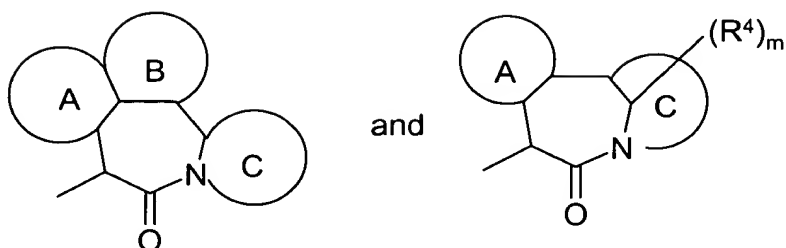
64. (Twice Amended) A compound of formula II:



wherein

W is a substituted ϵ -caprolactam selected from the group consisting of:





wherein

ring A, together with the atoms of the ϵ -caprolactam to which it is attached, forms a carbocyclic or heterocyclic ring selected from the group consisting of:

- A) aryl having from 6 to 14 ring carbon atoms substituted with from 1 to 5 substituents selected from the group consisting of:
- 1) acyloxy selected from alkyl-C(O)O-, substituted alkyl-C(O)O-, cycloalkyl-C(O)O-, substituted cycloalkyl-C(O)O-, aryl-C(O)O-, heteroaryl-C(O)O-, and heterocyclic-C(O)O- wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein cycloalkyl is defined in B herein; wherein substituted cycloalkyl is defined in C herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;
 - 2) hydroxy;
 - 3) acyl selected from alkyl-C(O)-, substituted alkyl-C(O)-, cycloalkyl-C(O)-, substituted cycloalkyl-C(O)-, aryl-C(O)-, heteroaryl-C(O)- and heterocyclic-C(O)- wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein cycloalkyl is defined in B herein; wherein substituted cycloalkyl is defined in C herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;
 - 4) alkyl as defined in R herein;

- 5) alkoxy having the formula alkyl-O- wherein alkyl is defined in R herein;
- 6) alkenyl as defined in T herein;
- 7) alkynyl as defined in V herein;
- 8) substituted alkyl as defined in S herein;
- 9) substituted alkoxy of the formula substituted alkyl-O- where substituted alkyl is as defined in S herein;
- 10) substituted alkenyl as defined in U herein;
- 11) substituted alkynyl as defined in W herein;
- 12) amino having the formula -NH₂-;
- 13) substituted amino having the formula -N(R)₂ where each R is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, aryl, cycloalkyl, substituted cycloalkyl, heteroaryl, heterocyclic and where both R groups are joined to form a heterocyclic group; wherein alkyl is defined in R herein; substituted alkyl is defined in S herein; wherein alkenyl is defined in T herein; wherein substituted alkenyl is defined in U herein; wherein alkynyl is defined in V herein; wherein substituted alkynyl is defined in W herein; wherein aryl is defined in A herein; wherein cycloalkyl is defined in B herein; wherein substituted cycloalkyl is defined in C herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;
- 14) aminoacyl having the formula -NRC(O)R wherein each R is independently hydrogen, alkyl, substituted alkyl, aryl, heteroaryl or heterocyclic; wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;

- C1
- 15) acylamino having the formula $-C(O)NRR$ where each R is independently hydrogen, alkyl, substituted alkyl, aryl, heteroaryl, or heterocyclic or where both R groups are joined to form a heterocyclic group; wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;
 - 16) alkaryl of the formula -alkylene-aryl having 1 to 8 carbon atoms in the alkylene moiety wherein aryl is defined in A herein and alkylene is a divalent alkyl where alkyl is defined in R herein;
 - 17) aryl as defined in A herein;
 - 18) aryloxy having the formula -aryl-O wherein aryl is defined in A herein;
 - 19) azido;
 - 20) carboxyl;
 - 21) carboxylalkyl having the formula $-C(O)Oalkyl$ and $-C(O)O-$ substituted alkyl wherein alkyl as defined in R herein and substituted alkyl is defined in S herein;
 - 22) cyano;
 - 23) halo selected from fluoro, chloro, bromo and iodo;
 - 24) nitro;
 - 25) heteroaryl as defined in F herein;
 - 26) heterocyclic as defined in G herein;
 - 27) aminoacyloxy having the formula $-NRC(O)OR$ wherein each R is independently hydrogen, alkyl, substituted alkyl, aryl, heteroaryl or heterocyclic; wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;

- C¹
- 28) oxyacylamino having the formula -OC(O)NRR where each R is independently hydrogen, alkyl, substituted alkyl, aryl, heteroaryl, or heterocyclic wherein alkyl is defined in R herein; wherein substituted alkyl is defined in S herein; wherein aryl is defined in A herein; wherein heteroaryl is defined in F herein; and wherein heterocyclic is defined in G herein;
 - 29) thioalkoxy having the formula -S-alkyl, wherein alkyl as defined in R herein;
 - 30) substituted thioalkoxy having the formula -S-substituted alkyl, wherein substituted alkyl is defined in S herein;
 - 31) thioaryloxy having the formula aryl-S- wherein aryl is defined in A herein;
 - 32) thioheteroaryloxy having the formula heteroaryl-S- wherein heteroaryl is defined F herein;
 - 33) -SO-alkyl wherein alkyl is defined in R herein;
 - 34) -SO-substituted alkyl wherein substituted alkyl is defined in S herein;
 - 35) -SO-aryl wherein aryl is defined in A herein;
 - 36) -SO-heteroaryl wherein heteroaryl is defined in F herein;
 - 37) -SO₂-alkyl wherein alkyl is defined in R herein;
 - 38) -SO₂-substituted alkyl wherein substituted alkyl is defined in S herein;
 - 39) -SO₂-aryl wherein aryl is defined in A herein;
 - 40) -SO₂-heteroaryl wherein heteroaryl is defined in F herein; and
 - 41) trihalomethyl wherein halo is defined in A23 herein;
- B) cycloalkyl of from 3 to 12 carbon atoms;
- C) substituted cycloalkyl having 3 to 12 carbon atoms and from 1 to 5 substituents selected from the group consisting of:
- 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;

- C l
- 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkenyl as defined in D herein;
 - 6) substituted cycloalkenyl as defined in E herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;
 - 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) oxyacylamino as defined in A28 herein;
 - 15) cyano;
 - 16) halogen wherein halo is defined in A23 herein;
 - 17) hydroxyl;
 - 18) carboxyl;
 - 19) carboxylalkyl as defined in A21 herein;
 - 20) keto having the formula $=O$;
 - 21) thioketo having the formula $=S$;
 - 22) thiol having the formula $-SH$;
 - 23) thioalkoxy as defined in A29 herein;
 - 24) substituted thioalkoxy as defined in A30 herein;
 - 25) aryl as defined in A herein;
 - 26) aryloxy as defined in A18 herein;
 - 27) heteroaryl as defined in F herein;
 - 28) heteroaryloxy having the formula $-O$ -heteroaryl wherein heteroaryl is defined in F herein;
 - 29) heterocyclic as defined in G herein;
 - 30) heterocyclooxy having the formula $-O$ -heterocyclic wherein heterocyclic is defined in G herein;

- C¹
- 31) hydroxyamino;
 - 32) alkoxyamino wherein alkoxy is defined in A5 herein;
 - 33) nitro;
 - 34) -SO-alkyl as defined in A33 herein;
 - 35) -SO-substituted alkyl as defined in A34 herein;
 - 36) -SO-aryl as defined in A35 herein;
 - 37) -SO-heteroaryl as defined in A36 herein;
 - 38) -SO₂-alkyl as defined in A37 herein;
 - 39) -SO₂-substituted alkyl as defined in A38 herein;
 - 40) -SO₂-aryl as defined in A39 herein; and
 - 41) -SO₂-heteroaryl as defined in A40 herein;
- D) cycloalkenyl of from 4 to 8 carbon atoms;
- E) substituted cycloalkenyl having from 4 to 8 carbon atoms and from 1 to 5 substituents selected from the group consisting of:
- 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkenyl as defined in D herein;
 - 6) substituted cycloalkenyl as defined in E herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;
 - 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) oxyacylamino as defined in A28 herein;
 - 15) cyano;

- C¹
- 16) halogen wherein halo is defined in A23 herein;
 - 17) hydroxyl;
 - 18) carboxyl;
 - 19) carboxylalkyl as defined in A21 herein;
 - 20) keto as defined in C20 herein;
 - 21) thioketo as defined in C21 herein;
 - 22) thiol as defined in C22 herein;
 - 23) thioalkoxy as defined in A29 herein;
 - 24) substituted thioalkoxy as defined in A30 herein;
 - 25) aryl as defined in A herein;
 - 26) aryloxy as defined in A18 herein;
 - 27) heteroaryl as defined in F herein;
 - 28) heteroaryloxy as defined in C28 herein;
 - 29) heterocyclic as defined in G herein;
 - 30) heterocyclooxy as defined in C30 herein;
 - 31) hydroxyamino;
 - 32) alkoxyamino as defined in C32 herein;
 - 33) nitro;
 - 34) -SO-alkyl as defined in A33 herein;
 - 35) -SO-substituted alkyl as defined in A34 herein;
 - 36) -SO-aryl as defined in A35 herein;
 - 37) -SO-heteroaryl as defined in A36 herein;
 - 38) -SO₂-alkyl as defined in A37 herein;
 - 39) -SO₂-substituted alkyl as defined in A38 herein;
 - 40) -SO₂-aryl as defined in A39 herein; and
 - 41) -SO₂-heteroaryl as defined in A40 herein;
- F) heteroaryl of from 1 to 15 ring carbon atoms and 1 to 4 ring heteroatoms selected from oxygen, nitrogen and sulfur, substituted with from 1 to 5 substituents selected from:

- C
- 1) acyloxy as defined in A1 herein;
 - 2) hydroxy;
 - 3) acyl as defined in A3 herein;
 - 4) alkyl as defined in R herein;
 - 5) alkoxy as defined in A5 herein;
 - 6) alkenyl as defined in T herein;
 - 7) alkynyl as defined in V herein;
 - 8) substituted alkyl as defined in S herein;
 - 9) substituted alkoxy as defined in A9 herein;
 - 10) substituted alkenyl as defined in U herein;
 - 11) substituted alkynyl as defined in W herein;
 - 12) amino as defined in A12 herein;
 - 13) substituted amino as defined in A13 herein;
 - 14) aminoacyl as defined in A14 herein;
 - 15) acylamino as defined in A15 herein;
 - 16) alkaryl as defined in A16 herein;
 - 17) aryl as defined in A herein;
 - 18) aryloxy as defined in A18 herein;
 - 19) azido;
 - 20) carboxyl;
 - 21) carboxylalkyl as defined in A21 herein;
 - 22) cyano;
 - 23) halo as defined in A23 herein;
 - 24) nitro;
 - 25) heteroaryl as defined in F herein;
 - 26) heterocyclic as defined in G herein;
 - 27) aminoacyloxy as defined in A27 herein;
 - 28) oxyacylamino as defined in A28 herein;
 - 29) thioalkoxy as defined in A29 herein;

- C l
- 30) substituted thioalkoxy as defined in A30 herein;
 - 31) thioaryloxy as defined in A31 herein;
 - 32) thioheteroaryloxy as defined in A32 herein;
 - 33) -SO-alkyl as defined in A33 herein;
 - 34) -SO-substituted alkyl as defined in A34 herein;
 - 35) -SO-aryl as defined in A35 herein;
 - 36) -SO-heteroaryl as defined in A36 herein;
 - 37) -SO₂-alkyl as defined in A37 herein;
 - 38) -SO₂-substituted alkyl as defined in A38 herein;
 - 39) -SO₂-aryl as defined in A39 herein;
 - 40) -SO₂-heteroaryl as defined in A40 herein; and
 - 41) trihalomethyl as defined in A41 herein;
- G) heterocyclic of from 1 to 15 ring carbon atoms and from 1 to 4 ring atoms selected from nitrogen, sulfur and oxygen, substituted with from 1 to 5 substituents selected from:
- 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkenyl as defined in D herein;
 - 6) substituted cycloalkenyl as defined in E herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;
 - 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) oxyacylamino as defined in A28 herein;

- C'
- 15) cyano;
 - 16) halogen wherein halo is defined in A23 herein;
 - 17) hydroxyl;
 - 18) carboxyl;
 - 19) carboxylalkyl as defined in A21 herein;
 - 20) keto as defined in C20 herein;
 - 21) thioketo as defined in C21 herein;
 - 22) thiol as defined in C22 herein;
 - 23) thioalkoxy as defined in A29 herein;
 - 24) substituted thioalkoxy as defined in A30 herein;
 - 25) aryl as defined in A herein;
 - 26) aryloxy as defined in A18 herein;
 - 27) heteroaryl as defined in F herein;
 - 28) heteroaryloxy as defined in C28 herein;
 - 29) heterocyclic as defined in G herein;
 - 30) heterocyclooxy as defined in C30 herein;
 - 31) hydroxyamino;
 - 32) alkoxyamino as defined in C32 herein;
 - 33) nitro;
 - 34) -SO-alkyl as defined in A33 herein;
 - 35) -SO-substituted alkyl as defined in A34 herein;
 - 36) -SO-aryl as defined in A35 herein;
 - 37) -SO-heteroaryl as defined in A36 herein;
 - 38) -SO₂-alkyl as defined in A37 herein;
 - 39) -SO₂-substituted alkyl as defined in A38 herein;
 - 40) -SO₂-aryl as defined in A39 herein; and
 - 41) -SO₂-heteroaryl as defined in A40 herein;

ring *B*, together with the atoms of the ϵ -caprolactam to which it is attached, forms a carbocyclic or heterocyclic ring selected from the group consisting of:

- H) aryl as defined in A herein;
- I) cycloalkyl as defined in B herein;
- J) substituted cycloalkyl as defined in C herein;
- K) cycloalkenyl as defined in D herein;
- L) substituted cycloalkenyl as defined in E herein;
- M) heteroaryl as defined in F herein; and
- N) heterocyclic as defined in G herein;

ring C, together with the atoms of the ϵ -caprolactam to which it is attached, forms a heteroaryl as defined in F herein or heterocyclic ring as defined in G herein;

*C*¹ R¹ is selected from the group consisting of:

- O) hydrogen; and
- P) an amino-blocking group being any group, bound to an amino group, which prevents undesired reactions from occurring at the amino group and which may be removed by conventional chemical and/or enzymatic procedures to reestablish the amino group;

R³ is selected from the group consisting of:

- Q) hydrogen;
- R) alkyl of from 1 to 20 carbon atoms;
- S) substituted alkyl of from 1 to 20 carbon atoms, having from 1 to 5 substituents selected from:
 - 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkenyl as defined in D herein;
 - 6) substituted cycloalkenyl as defined in E herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;

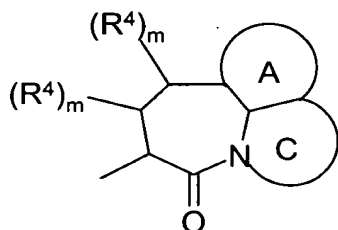
- C¹
- 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) oxyacylamino as defined in A28 herein;
 - 15) cyano;
 - 16) halogen wherein halo is defined in A23 herein;
 - 17) hydroxyl;
 - 18) carboxyl;
 - 19) carboxylalkyl as defined in A21 herein;
 - 20) keto as defined in C20 herein;
 - 21) thioketo as defined in C21 herein;
 - 22) thiol as defined in C22 herein;
 - 23) thioalkoxy as defined in A29 herein;
 - 24) substituted thioalkoxy as defined in A30 herein;
 - 25) aryl as defined in A herein;
 - 26) aryloxy as defined in A18 herein;
 - 27) heteroaryl as defined in F herein;
 - 28) heteroaryloxy as defined in C28 herein;
 - 29) heterocyclic as defined in G herein;
 - 30) heterocycloxy as defined in C30 herein;
 - 31) hydroxyamino;
 - 32) alkoxyamino as defined in C32 herein;
 - 33) nitro;
 - 34) -SO-alkyl as defined in A33 herein;
 - 35) -SO-substituted alkyl as defined in A34 herein;
 - 36) -SO-aryl as defined in A35 herein;
 - 37) -SO-heteroaryl as defined in A36 herein;
 - 38) -SO₂-alkyl as defined in A37 herein;

- 39) -SO₂-substituted alkyl as defined in A38 herein;
- 40) -SO₂-aryl as defined in A39 herein; and
- 41) -SO₂-heteroaryl as defined in A40 herein;
- T) alkenyl of from 2 to 10 carbon atoms and 1-2 sites of alkenyl unsaturation;
- U) substituted alkenyl having from 1 to 3 substituents selected from the group consisting of:
- 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkoxy wherein alkoxy is defined in A5 herein ;
 - 6) substituted cycloalkoxyl wherein substituted alkoxy is defined in A9 herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;
 - 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;
 - 13) aminoacyloxy as defined in A27 herein;
 - 14) cyano;
 - 15) halogen wherein halo is defined in A23 herein;
 - 16) hydroxyl;
 - 17) carboxyl;
 - 18) carboxylalkyl as defined in A21 herein;
 - 19) keto as defined in C20 herein;
 - 20) thioketo as defined in C21 herein;
 - 21) thiol as defined in C22 herein;
 - 22) thioalkoxy as defined in A29 herein;

- C¹
- 23) substituted thioalkoxy as defined in A30 herein;
 - 24) aryl as defined in A herein;
 - 25) heteroaryl as defined in F herein;
 - 26) heterocyclic as defined in G herein;
 - 27) heterocyclooxy as defined in C30 herein;
 - 28) nitro;
 - 29) -SO-alkyl as defined in A33 herein;
 - 30) -SO-substituted alkyl as defined in A34 herein;
 - 31) -SO-aryl as defined in A35 herein;
 - 32) -SO-heteroaryl as defined in A36 herein;
 - 33) -SO₂-alkyl as defined in A37 herein;
 - 34) -SO₂-substituted alkyl as defined in A38 herein;
 - 35) -SO₂-aryl as defined in A39 herein; and
 - 36) -SO₂-heteroaryl as defined in A40 herein;
- V) alkynyl of from 2 to 10 carbon atoms and from 1-2 sites of alkynyl unsaturation;
- W) substituted alkynyl of from 1 to 3 substituents selected from:
- 1) alkoxy as defined in A5 herein;
 - 2) substituted alkoxy as defined in A9 herein;
 - 3) cycloalkyl as defined in B herein;
 - 4) substituted cycloalkyl as defined in C herein;
 - 5) cycloalkoxy as defined in U5 herein;
 - 6) substituted cycloalkoxyl as defined in U6 herein;
 - 7) acyl as defined in A3 herein;
 - 8) acylamino as defined in A15 herein;
 - 9) acyloxy as defined in A1 herein;
 - 10) amino as defined in A12 herein;
 - 11) substituted amino as defined in A13 herein;
 - 12) aminoacyl as defined in A14 herein;

- C1
- 13) aminoacyloxy as defined in A27 herein;
 - 14) cyano;
 - 15) halogen wherein halo is defined in A23 herein;
 - 16) hydroxyl;
 - 17) carboxyl;
 - 18) carboxylalkyl as defined in A21 herein;
 - 19) keto as defined in C20 herein;
 - 20) thioketo as defined as C21 herein;
 - 21) thiol as defined as C22 herein;
 - 22) thioalkoxy as defined in A29 herein;
 - 23) substituted thioalkoxy as defined in A30 herein;
 - 24) aryl as defined in A herein;
 - 25) heteroaryl as defined in F herein;
 - 26) heterocyclic as defined in G herein;
 - 27) heterocyclooxy as defined in C30 herein;
 - 28) nitro;
 - 29) -SO-alkyl as defined in A33 herein;
 - 30) -SO-substituted alkyl as defined in A34 herein;
 - 31) -SO-aryl as defined in A35 herein;
 - 32) -SO-heteroaryl as defined in A36 herein;
 - 33) -SO₂-alkyl as defined in A37 herein;
 - 34) -SO₂-substituted alkyl as defined in A38 herein;
 - 35) -SO₂-aryl as defined in A39 herein; and
 - 36) -SO₂-heteroaryl as defined in A40 herein;
 - X) acyl as defined in A3 herein;
 - Y) aryl as defined in A herein;
 - Z) cycloalkyl as defined in B herein;
 - AA) substituted cycloalkyl as defined in C herein;
 - BB) cycloalkenyl as defined in D herein;

- CC) substituted cycloalkenyl as defined in E herein;
DD) heteroaryl as defined in F herein; and
EE) heterocyclic as defined in G herein;
each R⁴ is independently selected from the group consisting of:
FF) alkyl as defined in R herein;
GG) substituted alkyl as defined in S herein;
HH) alkenyl as defined in T herein;
II) substituted alkenyl as defined in U herein;
JJ) alkynyl as defined in V herein;
KK) substituted alkynyl as defined in W herein;
LL) aryl as defined in A herein;
MM) cycloalkyl as defined in B herein;
NN) substituted cycloalkyl as defined in C herein;
OO) cycloalkenyl as defined in D herein;
PP) substituted cycloalkenyl as defined in E herein;
QQ) heteroaryl as defined in F herein; and
RR) heterocyclic as defined in G herein;
m is an integer from 0 to 2; or salts thereof
with the proviso that:
when W is



wherein ring A is phenyl substituted with hydroxy, lower alkoxy, nitro, amino or halogen;
ring C is substituted cycloalkyl having 4 or 5 carbon atoms and carboxyl or carboxylalkyl

C¹ substituent in α -position to nitrogen, then R¹ is not -CO-CR⁵R⁶-(CH₂)_n-S-R⁷ wherein R⁵ represents hydrogen, lower alkyl, aryl, aryl-lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, biaryl, biaryl-lower alkyl or trifluoromethyl; R⁶ represents hydrogen or lower alkyl; or R⁵ and R⁶ together with the carbon to which they are attached represent cycloalkylene or benzo-fused cycloalkylene, R⁷ represents hydrogen or acyl and n represents zero or one.

109. (Amended) A compound selected from the group consisting of:

5-amino-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(*N*-Boc-amino)-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(*N*-Boc-amino)-7-(2-methylpropyl)-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-7-(2-methylpropyl)-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

C² 5-(*N*-Boc-amino)-7-(methoxycarbonylmethyl)-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-7-(methoxycarbonylmethyl)-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(*N*-Boc-amino)-7-(3,3-dimethyl-butanonyl)-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-7-(3,3-dimethyl-2-butanonyl)-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-7-phenbutyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-7-cyclopropylmethyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-7-(2',2',2'-trifluoroethyl)-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-7-cyclohexyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-7-hexyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-9-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-10-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-13-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-amino-7-methyl-1,2,3,4,5,7-hexahydro-6H-dicyclohexyl[b,d]azepin-6-one

5-(*N*-Boc-L-alaninyl)amino-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(L-alaninyl)amino-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(*N*-Boc-L-valinyl)amino-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(L-valinyl)amino-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(*N*-Boc-L-*tert*-leucinyl)amino-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(L-*tert*-leucinyl)amino-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

C² 5-(*N*-Boc-L-alaninyl)amino-9-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(L-alaninyl)amino-9-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(*N*-Boc-L-alaninyl)amino-10-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(L-alaninyl)amino-10-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(*N*-Boc-L-alaninyl)amino-13-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(L-alaninyl)amino-13-fluoro-7-methyl-5,7-dihydro-6H- dibenz[b,d]azepin-6-one

5-(*N*-Boc-L-alaninyl)amino-7-cyclopropylmethyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(L-alaninyl)amino-7-cyclopropylmethyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(*N*-Boc-L-alaninyl)amino-7-phenbutyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(L-alaninyl)amino-7-phenbutyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(*N*-Boc-L-valinyl)amino-7-cyclopropylmethyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(L-valinyl)amino-7-cyclopropylmethyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(*N*-Boc-L-valinyl)amino-7-phenbutyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one

5-(L-valinyl)amino-7-phenbutyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
5-(N-Boc-L-valinyl)amino-7-hexyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
5-(L-valinyl)amino-7-hexyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
5-(N-Boc-L-valinyl)amino-9-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
5-(L-valinyl)amino-9-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
5-(N-Boc-L-valinyl)amino-10-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
C 2 5-(L-valinyl)amino-10-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
5-(N-Boc-L-valinyl)amino-13-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
5-(L-valinyl)amino-13-fluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
5-amino-9,13-difluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
5-amino-10,13-difluoro-7-methyl-5,7-dihydro-6H-dibenz[b,d]azepin-6-one
5-aminohexahydropyrido[a]benz[d]azepin-6-one
9-amino-5,6-Dihydro-4H-quino[8,1-ab][3]benzazepin-8(9H)-one
9-(N'-Boc-L-alaninyl)amino-5,6-Dihydro-4H-quino[8,1-ab][3]benzazepin-8(9H)-one
9-(N'-L-alaninyl)amino-5,6-dihydro-4H-quino[8,1-ab][3]benzazepin-8(9H)-one
7-amino-1,3,4,7,12,12a-hexahydropyrido[2,1-b][3]benzazepin-6(2H)-one
1-amino-4,5,6,7-tetrahydro-3,7-methano-3H-3-benzazonin-2(1H)-one
1-(N'-Boc-L-alaninyl)amino-4,5,6,7-tetrahydro-3,7-methano-3H-3-benzazonin-2(1H)-one
1-(N'-L-alaninyl)amino-4,5,6,7-tetrahydro-3,7-methano-3H-3-benzazonin-2(1H)-one
or salts thereof.
